

Scholarly communication is undergoing fundamental changes, in particular with new requirements for open access to research outputs, new forms of peer-review, and alternative methods for measuring impact. For every repository manager, collecting metrics is relevant to optimise, operate, and enhance their repository and to demonstrate its value to authors.

Additionally, altmetrics services collecting data from social media services came up. The major challenge is to understand the wide range of services for usage data, to compare the outcomes across systems and benchmark them against each other.

Initiative	Objects and Goals	Area and Geo	Status
IRUS-UK	<p>IRUS-UK is a national aggregation service, which consolidates COUNTER-compliant statistics providing opportunities to demonstrate the value and impact of IRs:</p> <ul style="list-style-type: none"><li>• facilitates comparable, standards-based measurements</li><li>• provides an evidence base for repositories to develop policies and initiatives to help support their objectives</li><li>• provides consistent and comprehensive statistics, presenting opportunities for benchmarking at a national level (and beyond)</li></ul>	Usage statistics for UK	Service
OpenAIRE Analytics Service	<p>Aims to monitor and analyze usage data of OpenAIREs dataproviders by:</p> <ul style="list-style-type: none"><li>• considering and aligning usage statistics standards used by repositories (literature &amp; data, e-journal platforms, CRIS)</li><li>• different means: usage data tracking and collection (SUSHI-Lite)</li><li>• Cleaning &amp; deduplication, analysis, evaluation by help of Piwik</li><li>• COUNTER-compliant reporting in the portal and via API</li><li>• Contributing to other altmetrics services</li><li>• Collaboration with IRUS-UK and national Open Access desks</li></ul>	Usage analysis and relating to other altmetrics for Europe and beyond	In development, pilots running
Altmetric	<p>Altmetric aims to track the online attention for research outputs:</p> <ul style="list-style-type: none"><li>• Using several sources, including non-traditional ones, to capture the impact of different types of outputs</li><li>• Using unique identifiers (including DOIs, PubMed IDs, arXiv IDs, Handles, ISBNs and URLs);</li><li>• Providing free tools for Librarians and Researchers: Altmetric Bookmarklet, Altmetric Badges or “Altmetric Donut Badges” for institutional repositories, Explorer for Academic Librarians, API for research</li><li>• Providing data for other tools and services including ImpactStory, Figshare and Zenodo.</li></ul>	Altmetrics for everyone and everywhere	Company with free and paid tools
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The COAR Open Metrics group focuses on providing a broad overview of the different services, their goals, (geographical) coverage and applicability. In order to achieve a more comprehensive comparison, an extensive paper is currently in preparation, planned to be released

later in 2016. Moreover, effective links are also established with other activities in COAR. This allows for a holistic view on repository developments, out of which metric services only form a small part.



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